ARI Working Papers

Fort Hood Field Unit

1987-1990

20011018 064

These working papers are published in order to archive material that was not included in other ARI publications. The material contained herein may not meet ARI's usual scientific or professional standards for publication.

July 2001

United States Army Research Institute for the Behavioral and Social Sciences

Approved for public release; distribution is unlimited.

REPORT DOCUMENTATION PAGE				
1. REPORT DATE (dd-mm-yy) July 2001	2. REPORT TYPE Final		3. DATES COVERED (from to) 1987-1990	
4. TITLE AND SUBTITLE ARI Working Papers: Fort Hood Field Unit, 1987-1990			5a. CONTRACT OR GRANT NUMBER	
			5b. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S) Avery, L., Pieper, W., Babbitt, B.A., Smith, N.D., Palmer, R.L., Seven, S.A., Bowser, S., Lyons, L., Buckalew, L.W., Smootz, E.R., Glaze, J.D., Sanders, M.G., Heuckeroth, O., Krohn, D.A., Spiegel, D.K., Nicholson, N.R., Deignan, G.M., Nystrom, C.O.,			5c. PROJECT NUMBER	
			5d. TASK NUMBER	
			5e. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) U.S. Army Research Institute for the Behavioral and Social Sciences ATTN: TAPC-ARI-PO 5001 Eisenhower Avenue Alexandria, VA 22333-5600			8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES) U.S. Army Research Institute for the Behavioral and Social Sciences 5001 Eisenhower Avenue			10. MONITOR ACRONYM ARI	
Alexandria, VA 22333-5600			11. MONITOR REPORT NUMBER WP Hood	
12. DISTRIBUTION/AVAILABILITY STATEMENT				
Approved for public release; distribution is unlimited.				
13. SUPPLEMENTARY NOTES ARI working papers were originally unofficial documents intended for limited distribution to obtain comments. These working papers are being archived in order to preserve material that was not included in other ARI publications. The material contained herein may not meet ARI's usual scientific or professional standards for publication.				
14. ABSTRACT (Maximum 200 words): Twenty-two working papers dealing with air defense, MANPRINT, SINCGARS, mobile subscriber equipment, HMMWV-HV, and remotely piloted vehicles.				
15. SUBJECT TERMS Air defense, MANPRINT, SINCGARS, mobile subscriber equipment, HMMWV-HV, remotely piloted vehicles, SGT York, TACMASS, electronic equipment, AN/TRC-170, Aquila, air powered tool set, C3I, Trailblazer, tactical net radios				
SECURITY CLASSIFICAT 16. REPORT 17. ABSTRACT Unclassified Unclassified	18. THIS PAGE Unclassified	19. LIMITATION OF ABSTRACT Unlimited	20. NUMBER OF PAGES 2023	21. RESPONSIBLE PERSON (Name and Telephone Number) David W. Witter (703) 617-0324

Fort Hood Field Unit Working Papers

Avery, L., & Pieper, W. (1988). <u>MANPRINT findings from the investigative operational assessment of the Joint tactical information dist. system</u>. WP HOOD 88-07.

Babbitt, B.A. (1988). MANPRINT analysis of the DIVAD system: Volume I: Human factors data from SGT York follow-on evaluation I. WP HOOD 88-06(I).

Bowser, S., & Lyons, L. (1988). <u>MANPRINT findings from the operational test and evaluation of the AN/TRC-170(V)</u>. WP HOOD 88-03.

Buckalew, L.W. (1987). <u>Tactical Maneuver Simulation System (TACMASS)</u> <u>MANPRINT evaluation</u>. WP HOOD 87-02.

Buckalew, L.W. (1988). <u>Single Channel Ground and Airborne Radio System</u> (SINCGARS) MANPRINT evaluation: Ease of operation. WP HOOD 88-10.

Buckalew, L.W. (1988). <u>Single Channel Ground and Airborne Radio System</u> (SINCGARS) AN/ARC-201 (ABN) MANPRINT evaluation. WP HOOD 88-13.

Buckalew, L.W. (1988). <u>Unit leaders' evaluation of mission supportability by the Single Channel Ground and Airborne Radio System (SINCGARS)</u>. WP HOOD 88-11.

Buckalew, L.W. (1990). <u>Maximizing mobile subscriber equipment system effectiveness</u> through personnel selection and performance assessment: An interim report. WP HOOD 90-01.

Buckalew, L.W., Smootz, E.R., Glaze, J.D., & Sanders, M.G. (1989). <u>Exploratory analysis of personnel and performance: Mobile subscriber equipment follow-on operational test and evaluation</u>. WP HOOD 89-01.

Heuckeroth, O. (1988). <u>Evaluation of Selected MANPRINT issues for the product improvement program of the 0Q-290(V)1 electronic equipment test facility</u>. WP HOOD 88-15.

Heuckeroth, O. (1988). <u>Relationships between training level, aptitude, and system performance on the AN/TRC-170: Weighted and unweighted correlational analyses</u>. WP HOOD 88-16.

Krohn, D.A., & Spiegel, D.K. (1988). <u>MANPRINT assessment of the High Mobility Multipurpose Wheeled Vehicle Heavy Variant (HMMWV-HV)</u>. WP HOOD 8808.

Krohn, G. (1988). MANPRINT findings from the OT II test of the Remotely Piloted Vehicle System (Aquila). WP HOOD 88-05.

Nicholson, N.R., & Buckalew, L.W. (1988). <u>Single Channel Ground and Airborne Radio System (SINCGARS) maintainer training and performance evaluation</u>. WP HOOD 88-12.

Nicholson, N.R., Deignan, G.M., & Smootz, E.R. (1988). <u>Remotely Piloted Vehicle</u> (AQUILA) Force Development Test and Experimentation (FDTE): Army Research <u>Institute Fort Hood Field Unit evaluation</u>. WP HOOD 88-04.

Nystrom, C.O., & Smith, N.D. (1989). <u>Human factors and safety observations regarding</u> the air powered tool set. WP HOOD 89-03.

Palmer, R.L. (1987). <u>Human factors evaluation of the SINCGARS ICOM radio</u>. WP HOOD 87-01.

Palmer, R.L. (1988). <u>Single Channel Ground and Airborne Radio System (SINCGARS)</u> <u>Basic Operator Training evaluation</u>. WP HOOD 88-09.

Palmer, R.L. (1990). <u>C31 test instrumentation system (data collection subsystem):</u> <u>MANPRINT findings</u>. WP HOOD 90-04.

Palmer, R.L. (1990). <u>Trailblazer initial operational test and evaluation: MANPRINT</u> findings. WP HOOD 90-05.

Palmer, R.L., & Buckalew, L. (1988). <u>Tactical Net Radios: Nondevelopmental Item</u> Operational Assessment (MANPRINT Evaluation). WP HOOD 88-02.

Seven, S.A. (1988). <u>MANPRINT analysis of the DIVAD system: Volume II. Lessons</u> relearned. WP HOOD 88-06(II).